

Amendments to the Claims are as follows:

1. (amended) Method for producing a steel product, in particular a steel sheet or steel strip, with a high yield strength,

- wherein a steel strip or sheet is produced from steel which contains (in % by weight):

C:	$\leq 1.00 \%$
Mn:	7.00 to 30.00 %
Al:	1.00 to 10.00 %
Si:	> 2.50 to 8.00 %
Al + Si:	> 3.50 to 12.00 %
B:	$< 0.01 \%$
Ni:	$< 8.00 \%$
Cu:	$< 3.00 \%$
N:	$< 0.60 \%$
Nb:	$< 0.30 \%$
Ti:	$< 0.30 \%$
V:	$< 0.30 \%$
P:	$< 0.01 \%$

and iron and unavoidable impurities as the remainder,

- which strip or sheet is cold rolled to form a cold rolled strip,

- from which ~~strip or sheet~~ the finished steel product is subsequently produced by cold forming that takes place at a degree of cold forming of 2 to 25 %.

2. (original) Method according to claim 1, characterized in that the degree of cold forming is 15 % maximum.

3. (original) Method according to claim 2, characterized in that the degree of cold forming is 10 % maximum.

4. (amended) Method according to ~~any one of the preceding~~ claims 1, characterized in that ~~the steel strip is cold formed as a hot strip to form the product. production of the steel strip or sheet comprises the following working steps:~~

- casting the steel to form an ingoing material, such as slabs, thin slabs or a cast strip,
- hot rolling the ingoing material to form a hot strip,
- winding the hot strip,
- cold rolling the hot strip to form the cold strip.

5. (amended) Method according to ~~any one of claims 1 to 3~~ 4, characterized in that ~~the steel strip is cold formed as a cold strip to form the product. the ingoing material is reheated to at least 1100 °C before hot rolling.~~

6. (amended) Method according to ~~any one of the preceding~~ claims 4, characterized in that ~~production of the steel strip or sheet comprises the following working steps:~~

- ~~- casting the steel to form an ingoing material, such as slabs, thin slabs or a cast strip,~~
- ~~- hot rolling the ingoing material to form a hot strip,~~
- ~~- winding the hot strip.~~

the ingoing material is used directly for hot rolling at a temperature of at least 1100°C.

7. (amended) Method according to claim 6 4, characterized in that the ~~ingoing material is reheated to at least 1,100 °C before hot rolling. end temperature of the hot rolling is at least 800°C.~~

8. (amended) Method according to claim 6 4, characterized in that the ~~ingoing material is used directly for hot rolling at a temperature of at least 1,100°C. winding temperature is 450°C to 700°C.~~

9. (amended) Method according to ~~any one of~~ claims ~~6 to 8~~ 4, characterized in that ~~the final temperature of the hot rolling is at least 800°C, after cold rolling, the cold strip is recrystallization annealed, and in that, after recrystallization annealing, the cold strip is finish cold formed.~~

10. (amended) Method according to ~~any one of~~ claims ~~6 to~~ 9, characterized in that ~~the winding temperature is 450°C to 700°C, recrystallization annealing is carried out at an annealing temperature of 600°C to 1100°C.~~

11. (amended) Method according to ~~any one of~~ claims ~~6 to~~ 10, characterized in that ~~the hot strip is cold rolled to form a cold strip, in that the cold strip is recrystallization annealed, and in that, after recrystallization annealing, the cold strip is finish cold formed. annealing is carried out as bell-type annealing at a annealing temperature of 600°C to 750°C.~~

12. (amended) Method according to claim 11, characterized in that ~~recrystallization annealing is carried out at an annealing temperature of 600°C to 1,100°C~~ 750°C to 1100°C.

13. (amended) Method according to claim 12, characterized in that ~~annealing is carried out as bell-type annealing at an annealing temperature of 600°C to 750°C, cold rolling is carried out at a degree of cold rolling of 30% to 75%.~~

14. (amended) Method according to claim ~~12~~ 1, characterized in that ~~annealing is carried out as continuous annealing at an annealing temperature of 750°C to 1,100°C, the steel contains more than 2.70% by weight silicon.~~

15. (amended) Method according to ~~any one of~~ claims 11 to ~~14~~, characterized in that ~~cold rolling is carried out at a degree of cold rolling of 30% to 75%, the steel contains 0.002% by weight to 0.01% by weight boron.~~

16. (amended) Method according to ~~any one of the preceding~~ claims 15, characterized in that the steel contains ~~more than 2.70% 0.003 to 0.008% by weight silicon boron.~~